

MATERIAL SAFETY DATA SHEET

Trade Name: Sanden SP-15 8.45 oz
MSDS NO. 7803-1996
Revision Date:
Date Printed 09/08/2005

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Trade Name: Sanden SP-15 8.45 oz
Chemical Family: POLYALKYLENE GLYCOL
Synonyms: None
Emergency Telephone (24 hr.): CHEMTREC 1-800-424-9300
Manufacturer:

Supplier: Sanden International, 601 South Sanden Blvd., Wylie, TX, 75098

2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient/CAS No.	wt. %	OSHA PEL TWA	OSHA PEL Ceiling Limits	ACGIH TLV TWA	ACGIH TLW STEL
Polyalkylene Glycols Mixture	95-100				

3. HAZARDS IDENTIFICATION

Emergency Overview: Aspiration may cause lung damage. Causes eye and skin irritation. Vapor, aerosol or mist of the product and thermal degradation products generated at high temperatures can be irritating and harmful if inhaled.

HMIS Classification: Health: 1* Flammability: 1 Reactivity: 0
NFPA Rating: HEALTH 1, FLAMMABILITY 1, REACTIVITY 0

4. FIRST AID MEASURES

Eye Contact: In case of contact, or suspected contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention immediately after flushing.
Ingestion: No evidence of harmful effects from available information Pulmonary aspiration hazard if swallowed and/oil vomiting occurs - can enter lungs and cause damage. No known antidote. If swallowed, do NOT induce vomiting. Call a physician immediately. Never give anything by mouth to an unconscious person.
Inhalation: Short term harmful health effects are not expected from vapor generated at ambient temperature. Move person to fresh air.
Skin Contact: Brief contact is not irritating. Prolonged contact may cause reddening, itchiness, a burning sensation, and possible drying and flaking of the skin. Wash skin with soap and water.

5. FIRE FIGHTING MEASURES

Flammable Properties

Flash Point °F(°C): 370F (188C)
Flash Point Method: PMCC
Flammable Limits in Air - Lower (%): Not Determined
Flammable Limits in Air - Upper (%): Not Determined
Autoignition Temperature °F(°C): Not Determined
Extinguishing Media: Alcohol foam. Carbon dioxide. Dry chemical. Use water spray to keep containers cool that are exposed to heat or flames.

Protection Of Fire-Fighters:

Special Fire-Fighting Procedures: Wear approved positive-pressure self-contained breathing apparatus and protective clothing. Do not direct a solid stream of water or foam into hot, burning pools; this may cause frothing and increase fire intensity.

Hazardous Combustion Products: Oxides of carbon, nitrogen and phosphorus.

Aerosol Comments: Not Applicable

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Wear appropriate protective clothing and equipment to prevent skin and eye contact.
Spill Procedures: Contain any liquid from leaking containers. Keep away from heat sparks and flames. Ventilate spill area. Soak up material with absorbent and place in chemical waste container. Take up small spills with dry chemical absorbent. Large spills may be taken up with pump or vacuum and finished off with dry chemical absorbent. Wipe, scrape or soak up in an inert material and put in a container for disposal.
Environmental Precautions: Keep away from drains.

7. HANDLING AND STORAGE

Handling and Storage: Use ground strap. Keep container closed when not in use. Avoid contact with skin and eyes. Avoid breathing vapors, if exposed to high vapor concentration, leave area at once. Use only in a well ventilated area. Wash thoroughly after handling.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Use in a well ventilated area. Local exhaust ventilation as necessary to maintain exposures to within applicable

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Eyes: limits.
Wear safety glasses or goggles to protect against exposure.
Skin Protection: Use chemical resistant gloves for prolonged skin contact. Wash hands and other exposed areas with mild soap and water before eating, drinking, smoking and when leaving work.
Respiratory Protection: Use in a well ventilated area. Use approved NIOSH respiratory protection if TLV exceeded.... Or over exposure is likely.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear colorless liquid.
Odor: MILD
pH Value: Not Determined
Vapor Pressure: <0.01 mm Hg @ 20C
Vapor Density (Air=1): >1
Boiling Point (°F): >392F
Melting/Freezing Point: -54F
Solubility in Water: Not Determined
Bulk Density at 20 °C: Not Determined
Molecular Weight: Not Determined
Specific Gravity (H2O=1): 1.024 20C / 20C
Viscosity: Not determined.
Evaporation Rate: Not Determined
VOC Content(%): Not determined.
Decomposition Temperature: Not Known

10. STABILITY AND REACTIVITY

Chemical Stability: STABLE.
Conditions to Avoid: Avoid any source of ignition.
Materials to Avoid: Avoid strong bases at high temperatures. Contact with oxidizing agents. Strong acids. Materials reactive with hydroxyl compounds.
Hazardous Decomposition Products: Oxides of carbon and nitrogen
Hazardous Polymerization: WILL NOT OCCUR

11. TOXICOLOGICAL INFORMATION

Toxicological Data:

Ingredient/CAS No.	wt. %	Route	Species	Dose
Polyalkylene Glycols Mixture	95-100	Inhalation	Rats	Not known.

Carcinogenicity:

Ingredient/CAS No.	wt. %	IARC	NTP	OSHA
Polyalkylene Glycols Mixture	95-100	Not Listed	Not Listed	Not Listed

12. ECOLOGICAL INFORMATION

13. DISPOSAL CONSIDERATION

Waste Classification: Not determined.

Waste Management: Not determined.

Disposal should be made in accordance with federal, state and local regulations.

14. TRANSPORTATION INFORMATION

U.S. DOT:

Proper Shipping Name: Not Regulated
Hazard Class: Not Regulated

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UN/NA Number: Not Applicable
DOT Packing Group: Not Applicable
IMDG:
Proper Shipping Name: Not Regulated
Hazard Class: Not Regulated
Hazard Subclass: Not Applicable
UN No.: Not Applicable
Packing Group: Not Applicable
Marine Pollutant: Not determined.

15. REGULATORY INFORMATION

US Federal Regulations:

Ingredient/CAS No.	wt. %	SARA 313	SARA 302	RQ	TPQ
Polyalkylene Glycols Mixture	95-100				

SARA 311/312 Hazard Categories: Immediate Delayed

State Regulations:

Ingredient/CAS No.	wt. %	California Prop. 65 Cancer list	California Prop. 65 Developmental Toxicity	California Prop. 65 Reproductive Female	California Prop. 65 Reproductive Male
Polyalkylene Glycols Mixture	95-100	Not Listed	Not Listed	Not Listed	Not Listed

U.S. TSCA: The components of this product are listed on the TSCA Inventory.

16. OTHER INFORMATION

General Notes: Do not allow undiluted material or large quantities to reach groundwater, bodies of water or sewer system.

Disclaimer:

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